



Appl. No. 10/691,577
Amendment dated: January 9, 2007
Reply to OA of: October 10, 2006

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1(currently amended). A silver alloy used in an organic electroluminescent panel, to serve as an auxiliary electrode and/or a conducting line, comprising:

80 to 99.8 mol% of silver;

0.1 to 10 mol% of copper; [[and]]

0.1 to 10 mol% of at least one transition metal selected from the group consisting of palladium (Pd), magnesium (Mg), gold (Au), platinum (Pt), and the combinations thereof[[,]]; and

at least one adhesion improver, wherein the adhesion improver is selected from the group consisting of titanium (Ti), aluminum (Al), nickel (Ni), cobalt (Co), and chromium (Cr);

wherein the total mole percentage of the silver alloy is 100 mol%.

Claim 2(canceled).

3(currently amended). The silver alloy as claimed in claim [[2]] 1, wherein the adhesion improver is in the range of 0.01 to 5 mol %.

4(currently amended). An organic electroluminescent panel comprising:

a substrate;

a plurality of the first electrodes;

a plurality of the second electrodes;

a plurality of conducting lines containing a first silver alloy; and

a plurality of organic electroluminescent media;

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wherein the first electrodes are arranged in parallel on the substrate; the organic electroluminescent media are disposed on the first electrodes; the second electrodes are disposed on the organic electroluminescent media; the conducting lines containing the first silver alloy connect to the first electrodes or the second electrodes; and the first silver alloy contained in the conducting lines having: 80 to 99.8 mol% of silver; 0.1 to 10 mol% of copper; [[and]] 0.1 to 10 mol% of at least one transition metal selected from the group consisting of palladium (Pd), magnesium (Mg), gold (Au), platinum (Pt), and the combinations thereof[[,]]; and at least one adhesion improver selected from the group consisting of titanium (Ti), aluminum (Al), nickel (Ni), cobalt (Co), and chromium (Cr); wherein the total mole percentage of the first silver alloy is 100 mol%.

5(currently amended). The organic electroluminescent panel as claimed in claim 4 further comprising a plurality of auxiliary electrodes containing a second silver alloy.

6(original). The organic electroluminescent panel as claimed in claim 5, wherein the auxiliary electrodes are arranged in parallel on the first electrodes or on the substrate.

7(currently amended). The organic electroluminescent panel as claimed in claim 5, wherein the second silver alloy contained in the auxiliary electrodes comprising comprises:

80 to 99.8 mol% of silver;

0.1 to 10 mol% of copper; and

0.1 to 10 mol% of at least one transition metal selected from the group consisting of palladium (Pd), magnesium (Mg), gold (Au), platinum (Pt), and the combinations thereof, wherein the total mole percentage of the silver alloy is 100 mol%.

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8(original). The organic electroluminescent panel as claimed in claim 4 further comprising a plurality of isolating walls.

9(original). The organic electroluminescent panel as claimed in claim 8, wherein the isolating walls protrude from the substrate and have an overhanging portion projecting in a direction to the substrate.

10(original). The organic electroluminescent panel as claimed in claim 4 further comprising a pixel-defining layer disposed on the first electrodes.

11(original). The organic electroluminescent panel as claimed in claim 10, wherein the pixel-defining layer is made of polyimide.

Claim 12(canceled).

13(currently amended). The organic electroluminescent panel as claimed in claim 7, wherein the second silver alloy further comprises at least one adhesion improver, wherein the adhesion improver is selected from the group consisting of titanium (Ti), aluminum (Al), nickel (Ni), cobalt (Co), [[or]] and chromium (Cr).

14(currently amended). The organic electroluminescent panel as claimed in claim [[12]] 4, wherein the adhesion improver is in the range of 0.01 to 5 mol%.

15(original). The organic electroluminescent panel as claimed in claim 13, wherein the adhesion improver is in the range of 0.01 to 5 mol%.

16(original). The organic electroluminescent panel as claimed in claim 8, wherein the isolating walls are parallel with each other.

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17(original). The organic electroluminescent panel as claimed in claim 4, wherein the projection of the second electrodes on the substrate intersects perpendicularly with that of the first electrodes on the substrate.

18(original). The organic electroluminescent panel as claimed in claim 4, wherein the substrate is selected from the group consisting of the glass substrates, the plastic substrates, and the flexible substrates.

19(original). The organic electroluminescent panel as claimed in claim 18, wherein the plastic substrates and the flexible substrates are made of the materials respectively selected from the group consisting of polycarbonate (PC), polyester (PET), cyclic olefin copolymer (COC), metallocene-based cyclic olefin copolymer (mCOC), thin glass, and the combinations thereof.

20(original). The organic electroluminescent panel as claimed in claim 4, wherein the organic electroluminescent medium is constructed of single layer or multilayer structure.

21(original). The organic electroluminescent panel as claimed in claim 20, wherein the organic electroluminescent medium constructed of the multilayer structure includes a hole injecting layer, a hole transporting layer, a light-emitting layer, an electron transporting layer, and an electron injecting layer.

22-26(canceled).